**NAME: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ DATE:\_\_\_\_\_\_\_\_\_\_\_\_\_ PER. \_\_\_\_\_\_**

**CELL CYCLE & REPRODUCTION WORKSHEET**

*Identify the following phases of the cell cycle and the parts of the cell involved.*

**WORD BANK** **interphase prophase telophase metaphase**

**anaphase chromatin centromere sister chromatid**

**centrioles spindle fiber**



**Matching – Match the term in Column B with its definition in Column A and place the letter of the correct answer on the line provided.**

**COLUMN A COLUMN B**

\_\_\_\_\_\_ 11. The final phase, 2 daughter cells A. Anaphase

are formed, each with a complete

set of chromosomes. B. Telophase

\_\_\_\_\_\_ 12. Chromosomes become visible, nucleolus C. Interphase

and nuclear envelope disappear & a

spindle forms from the centrioles D. Metaphase

\_\_\_\_\_\_ 13. The nucleus & nucleolus can be seen. E. Prophase

Chromosomes are not visible.

\_\_\_\_\_\_ 14. Chromosomes move to the equator & each

chromatid is attached to a spindle fiber at the

centromere

\_\_\_\_\_\_ 15. The centromeres split & sister chromatids

are pulled to opposite poles of the cell.